Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
Data File : BF123216.D
Acq On : 17 Feb 2021 17:14
Operator : JU/CG
Sample : M1422-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-021621MSD

Manual Integrations APPROVED
mohammad
2/18/2021 1:41:14 PM

Quant Time: Feb 17 18:08:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 16:59:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	202952	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	597620	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	303145	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	582978	20.00	ng		0.00
76) Chrysene-d12	14.057	240	450510	20.00	ng		0.00
86) Perylene-d12	15.533	264	364008	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	1369874	102.31	ng		0.01
7) Phenol-d6	6.504	99	1897917	107.33	ng		0.00
23) Nitrobenzene-d5	7.433	82	1189597	104.60	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	389986	119.12	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1481365	73.03	ng		0.00
79) Terphenyl-d14	12.998	244	1593518	70.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	203906	32.69	ng		96
3) Pyridine	3.410	79	532652	33.04	ng		95
4) n-Nitrosodimethylamine	3.345	42	261936	37.69	ng		91
6) Aniline	6.534	93	603983	28.70	ng		98
8) 2-Chlorophenol	6.657	128	638036	42.50	ng		98
9) Benzaldehyde	6.416	77	240878	23.21	ng		98
10) Phenol	6.516	94	845325	43.55	ng		89
11) bis(2-Chloroethyl)ether	6.604	93	613503	45.51	ng		100
12) 1,3-Dichlorobenzene	6.810	146	638307m	40.88	ng		
13) 1,4-Dichlorobenzene	6.886	146	647038	40.78	ng		96
14) 1,2-Dichlorobenzene	7.039	146	615201	41.60	ng		97
15) Benzyl Alcohol	7.010	79	542544	42.29	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	830229	47.70	ng		98
17) 2-Methylphenol	7.122	107	511724	42.47	ng		98
18) Hexachloroethane	7.386	117	242669	42.96	ng		95
19) n-Nitroso-di-n-propyla...	7.286	70	421585	41.60	ng		98
20) 3+4-Methylphenols	7.275	107	613507	40.09	ng		96
22) Acetophenone	7.281	105	809863	55.30	ng		98
24) Nitrobenzene	7.451	77	658282	54.61	ng		97
25) Isophorone	7.692	82	1090201	51.62	ng		99
26) 2-Nitrophenol	7.769	139	249068	42.91	ng		97
27) 2,4-Dimethylphenol	7.804	122	382049	43.18	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	509903	44.49	ng		99
29) 2,4-Dichlorophenol	8.010	162	353853	40.52	ng		95
30) 1,2,4-Trichlorobenzene	8.098	180	384504	41.02	ng		98
31) Naphthalene	8.175	128	1274927	39.63	ng		99
32) Benzoic acid	7.933	122	297888	43.21	ng		98
33) 4-Chloroaniline	8.222	127	180726	13.57	ng		98
34) Hexachlorobutadiene	8.298	225	212535	41.29	ng		99
35) Caprolactam	8.598	113	126941m	41.48	ng		
36) 4-Chloro-3-methylphenol	8.710	107	421411	41.33	ng		97
37) 2-Methylnaphthalene	8.869	142	869018	40.82	ng		99
38) 1-Methylnaphthalene	8.969	142	818114	40.89	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	357165	42.54	ng	#	98
41) Hexachlorocyclopentadiene	9.027	237	389505	101.40	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	258582	40.87	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	283068	41.13	ng		99
46) 1,1'-Biphenyl	9.333	154	1018978	41.64	ng		99
47) 2-Chloronaphthalene	9.363	162	779459	39.83	ng		99
48) 2-Nitroaniline	9.457	65	257993	39.32	ng		97
49) Acenaphthylene	9.780	152	1255091	39.86	ng		99
50) Dimethylphthalate	9.639	163	1046448	47.63	ng		100
51) 2,6-Dinitrotoluene	9.698	165	214033	40.50	ng		91
52) Acenaphthene	9.951	154	898387m	43.86	ng		
53) 3-Nitroaniline	9.863	138	141303	22.49	ng		89
54) 2,4-Dinitrophenol	9.974	184	233352	83.27	ng		93
55) Dibenzofuran	10.122	168	1091906	39.42	ng		95
56) 4-Nitrophenol	10.033	139	394768	76.46	ng		87
57) 2,4-Dinitrotoluene	10.104	165	295723	41.43	ng		99
58) Fluorene	10.469	166	885007	41.17	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	233928m	42.94	ng		
60) Diethylphthalate	10.339	149	965425	43.30	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	412929	43.12	ng		95
62) 4-Nitroaniline	10.486	138	231756	36.58	ng		98
63) Azobenzene	10.616	77	911036	39.07	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	155809	41.48	ng		99
66) n-Nitrosodiphenylamine	10.574	169	790146	40.11	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	262856	42.44	ng	#	90
68) Hexachlorobenzene	11.016	284	290024	42.79	ng	#	94
69) Atrazine	11.104	200	215050	36.61	ng		98
70) Pentachlorophenol	11.210	266	351973	83.33	ng		98
71) Phenanthrene	11.433	178	1359768	39.59	ng		99
72) Anthracene	11.486	178	1402634	40.86	ng		99
73) Carbazole	11.639	167	1240322	37.92	ng		99
74) Di-n-butylphthalate	11.968	149	1574673	44.76	ng		99
75) Fluoranthene	12.621	202	1433687	41.55	ng		99
77) Benzidine	12.745	184	438099	27.45	ng		99
78) Pyrene	12.857	202	1430321	42.94	ng		99
80) Butylbenzylphthalate	13.468	149	683430	46.40	ng		94
81) Benzo(a)anthracene	14.045	228	1226634	40.42	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	309862	29.47	ng	#	96
83) Chrysene	14.086	228	1191364	39.83	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	938259	49.08	ng		100
85) Di-n-octyl phthalate	14.651	149	1575210	47.90	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1061420	42.44	ng		96
88) Benzo(b)fluoranthene	15.104	252	1093817	42.77	ng		99
89) Benzo(k)fluoranthene	15.133	252	1027571	43.73	ng		100
90) Benzo(a)pyrene	15.474	252	939938	41.11	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	893997	42.15	ng		97
92) Benzo(g,h,i)perylene	17.474	276	866246	41.97	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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